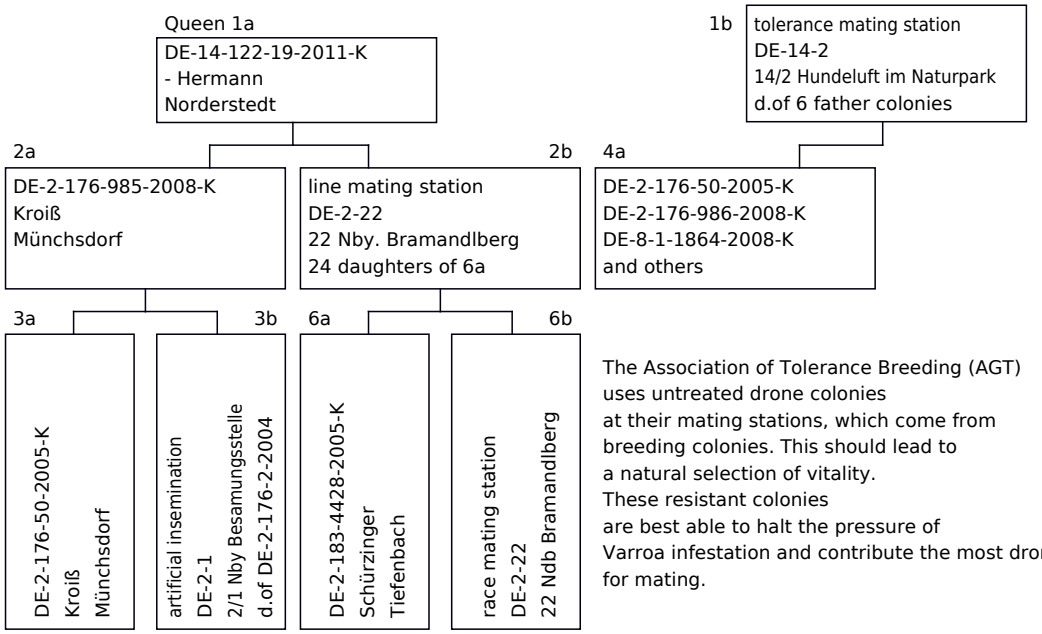
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-14-122-19-2011-K

Imkerverband Sachsen - Anhalt e.V.

Tester of the queen:	- Hermann, - Ekkehardt, 22846 Norderstedt, DE-14-122, Apiary 5	
Breeder of the queen:	- Hermann, - Ekkehardt, 22846 Norderstedt, DE-14-122	
1a Studbook number:	**DE-14-122-19-2011-K**	
Race line:	Sign: white w19	Daughters of Queen: 0%
Generation: 1	Hatch date: 20.06.2011	Workers: 0%

A. Pedigree



The Association of Tolerance Breeding (AGT) uses untreated drone colonies at their mating stations, which come from breeding colonies. This should lead to a natural selection of vitality. These resistant colonies are best able to halt the pressure of Varroa infestation and contribute the most drones for mating.

B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	84.2	106.7	3	7	78.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	103	
Honey yield	-	107	0.35
Defensive behavior	4	103	0.56
Steadiness on comb	4	103	0.59
Swarming drive	4	98	0.36
Varroa	-	102	0.47
Performance index	-	0	
Robustness in winter	4		
Development in Spring	3.90		
Colony strength	3.80		

70% 100% 170%

[1]In accordance with the resolution of the breeder convention of 9th April 2011, for the total breeding value, Varroa tolerance is weighted by 40% and honey yield, gentleness, calmness during inspection, and swarming tendency are each weighted by 15%.

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class Av
Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

17.02.2013

For the correctness DE-14

Breeding selection report DE-14-122-19-2011-K

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Performance of the sisters

Amount of checked sisters: 10

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive Behavior	Calmness during inspection	Breeding Value Calmness during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-14-122-81-2011	DE-14-122	3	108	88.1	110	4	106	4	106	4	98	108	
DE-14-122-82-2011	DE-14-122	3	93	64.6	85	4	97	3.8	96	4	90	99	
DE-14-122-83-2011	DE-14-122	3	112	95.3	116	4	107	4	107	4	100	111	
DE-14-122-84-2011	DE-14-122	3	82	63.9	84	4	96	3.8	98	4	95	76	
DE-14-122-85-2011	DE-14-122	3	91	63.3	83	4	96	3.8	96	4	90	95	
DE-14-122-86-2011	DE-14-122	3	105	76.7	99	4	105	4	105	4	94	108	
DE-14-122-19-2011-K	DE-14-122	5	103	84.2	107	4	103	4	103	4	98	102	
DE-14-122-25-2011	DE-14-122	5	107	92.1	116	4	104	4	104	4	100	104	
DE-14-122-28-2011-K	DE-14-122	5	109	93	116	4	104	4	104	4	100	108	
DE-14-122-30-2011	DE-14-122	5	94	65	87	4	101	4	101	4	92	96	